

K960876

510(k) SUMMARY

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Subject Device: **Savaria ES-125 Stair Platform Lift**

Predicate Device: **Cheney Liberty Wheelchair Lift (K893544)**. See ATTACHMENT B for product literature.

Subject Product Description:

The ES-125 Stair Platform Lift is an unenclosed stair platform lift designed to carry a wheelchair and its occupant between floors in a residential or public facility. It is accessible via automatic dual access ramps (straight or 90 degree entry) and is driven by a cable/drum unit that incorporates a 3/16" aircraft cable with a breaking load of 4,200 lbs, a deviator pulley, and winding drum. It can be controlled from either end at a key-controlled station or from an on-board, hand-held control panel. The entire carriage unit is designed with ASTM 30 tubular steel, and the fold-away platform contains a non-skid surface. The unit travels at a rated speed of approximately 14 ft/min and possesses a mechanical emergency brake in case of drive cable failure. The lift can be used with stairways at an incline of up to 45 degrees and has a rated carrying load of up to 450 lbs. The power supply is 110 VAC, 1Ph, 60 Hz, 15 amp. The lift complies with ANSI-A17.1 Code specifications regarding elevating devices for the handicapped

Intended Use: The ES-125 Stair Platform Lift is intended to mechanically transport one person in a wheelchair up and down stairs in a private residence or public facility.

Product Comparison:

The ES-125 is substantially equivalent in design and function to Cheney's Liberty Wheelchair Lifts. Cheney lifts also comply with the ANSI-A17.1 Code and accomodate stairways at an incline of up to 45 degrees. Also fabricated from rectangular steel tubing, the Cheney lift incorporates a platform-type carriage device, which is similarly powered by a self-enclosed,

electric drive unit and controlled by continuous pressure directional buttons with upper and lower limit switches that automatically stop the lift at both ends of travel. In addition, both the ES-125 and the Liberty lift offer obstruction sensor devices and emergency stopping mechanisms and can be custom-tailored for varying architectural design.

For a more technical comparison, refer to the table below. ATTACHMENT B contains product labeling.

Comparison Table

Feature	Savaria ES-125	Cheney Liberty
ANSI-A17.1 compliance	Yes	Yes
Electric motor	Yes	Yes
Chain/sprocket drive unit	Yes*	Yes
Optional manual operation	Yes	Yes
Key-operated station controls	Yes	Yes
On-board control with key switch	Yes	Yes
Continuous pressure directional controls	Yes	Yes
Upper & lower limit controls	Yes	Yes
Foldable platform	Yes	Yes**
Automatic access ramp	Yes	Yes**

* Standard on ES-125 Plus model

** Standard on Liberty Wheelchair Lift II model